

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Maino *et al.*
Serial No. : 08/803,702
Filed : February 21, 1997
For : METHOD FOR DETECTING T CELL RESPONSE
TO SPECIFIC ANTIGENS IN WHOLE BLOOD
Group Art Unit : 1642
Examiner : Phillip Gambel, Ph.D.

Palo Alto, CA

Attention: Office of Petitions
BOX DAC
Hon. Assistant Commissioner for Patents
Washington, D.C. 20231

PETITION UNDER 37 C.F.R. § 1.48(c)
TO AMEND INVENTORSHIP

Feb. 12 1997

Sir:

Pursuant to 37 C.F.R. § 1.48(c), Applicants hereby petition to add Louis J. Picker as a joint inventor. Applicants file herewith:

- (1) a Supplemental Oath under 37 C.F.R. § 1.67 executed by all inventors; and
- (2) the fee set forth in § 1.17(i).

Statement of Inventor Under 37 C.F.R. § 1.48(c)(1)

I, Louis J. Picker, acknowledge that by this Petition I am being added as an inventor of at least some of the claims of the above-captioned application, that the change in inventorship is occasioned by a concurrently filed amendment to the claims, and I state that the original inventorship entity was established without deceptive intention on my part.

3/2/99
Date


Louis J. Picker

Statement of Assignee under 37 C.F.R. §§ 3.73(b) and 1.48(c)(4)

The originally named inventors, Vernon C. Maino and Maria Suni, assigned the present application to Becton, Dickinson & Co. by means of assignments executed May 30, 1997 and recorded at reel 8546, frame 0073. True and correct copies of the assignments, as recorded, are attached hereto. By virtue of the signature below, Becton, Dickinson & Co. hereby agrees to the addition of Louis J. Picker as an inventor of the subject matter now claimed in the present application.

Respectfully submitted,

3/4/99
Date

Richard J. Rodrick
Richard J. Rodrick (Reg. No. 26,985)

Secretary

Becton, Dickinson & Co.
1 Becton Drive
Franklin Lakes, NJ 07417-1880

I hereby Certify that this Correspondence is being Deposited with the U.S. Postal Service as First Class Mail in an Envelope Addressed to:
ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON,
D.C. 20231, ON

3.5.99

SUSAN B. SNIDER

Susan Snider
Signature of Person Signing



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JULY 16, 1997

PTAS

BECTON, DICKINSON AND COMPANY
PATENT AND LICENSING DEPARTMENT
1 BECTON DRIVE
FRANKLIN LAKES, NEW JERSEY 07417-1880

100438650A



UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

JULY 12 1997

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/09/1997

REEL/FRAME: 8546/0073
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

MAINO, VERNON C.

DOC DATE: 05/30/1997

ASSIGNEE:

SUNI, MARIA

DOC DATE: 05/30/1997

ASSIGNEE:

BECTON, DICKINSON AND COMPANY
1 BECTON DRIVE
PATENT AND LICENSING DEPARTMENT
FRANKLIN LAKES, NEW JERSEY
07417-1880

SERIAL NUMBER: 08803702

FILING DATE: 02/21/1997
ISSUE DATE:

PATENT NUMBER:

PATENT DE

KIMBERLY BARNES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

06-18-1997

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1114.3-51

U. S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

JUN 02 1987

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Vernon C.Maino and Maria Suni	2. Name and address of receiving party(ies): Name: BECTON, DICKINSON AND COMPANY										
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Internal Address: Patent and Licensing Department Street Address: 1 Becton Drive										
3. Nature of conveyance: <table border="1"><tr><td><input checked="" type="checkbox"/></td><td>Assignment</td></tr><tr><td><input type="checkbox"/></td><td>Merger</td></tr><tr><td><input type="checkbox"/></td><td>Security Agreement</td></tr><tr><td><input type="checkbox"/></td><td>Change of Name</td></tr><tr><td><input type="checkbox"/></td><td>Other:</td></tr></table>	<input checked="" type="checkbox"/>	Assignment	<input type="checkbox"/>	Merger	<input type="checkbox"/>	Security Agreement	<input type="checkbox"/>	Change of Name	<input type="checkbox"/>	Other:	City: Franklin Lakes State: NJ ZIP: 07417-1880
<input checked="" type="checkbox"/>	Assignment										
<input type="checkbox"/>	Merger										
<input type="checkbox"/>	Security Agreement										
<input type="checkbox"/>	Change of Name										
<input type="checkbox"/>	Other:										
	Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No										
Execution Date:	May 30, 1997										

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)
08/803,702

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: BECTON, DICKINSON AND COMPANY	
Internal Address: Patent and Licensing Department	
Street Address: 1 Becton Drive	
City: Franklin Lakes State: NJ ZIP: 08807-1880 LEF#1: 00000015 DA#1: 021666 08803702	
7. Total fee (37 CFR §3.41): \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account	
8. Deposit account number: 02-1666	
(Attach duplicate copy of this page if paying by deposit account)	

DO NOT USE THIS SPACE

9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Royal N. Ronning, Jr.

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and document

3

Mail documents to be recorded with required cover sheet information to
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT

Serial No. 08-803,702
Filed: February 21, 1997

WHEREAS, Vernon C. Maino and Maria Suni (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

Method for Detecting T Cell Response to Specific Antigens in Whole Blood

for which they have on the 21 day of *February* 1997, executed an application for Letters Patent of the United States of America; and

WHEREAS, Becton Dickinson and Company, a corporation of the State of New Jersey, (hereinafter called "Assignee"), is desirous of acquiring the entire right, title, and interest therein.

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the premises and in acknowledgment, confirmation and performance of obligations which arose out of the terms and conditions of Assignors' employment by Assignee at the time the invention was made, and/or other valuable considerations to them, the receipt and sufficiency of which are hereby acknowledged, Assignors have assigned and transferred, and do hereby assign and transfer unto said Assignee the entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available, is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that they have a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them, promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals this 30th day
of May, 1997.

Vernon C. Maino

(L.S.)

(L.S.)

Maria Suni

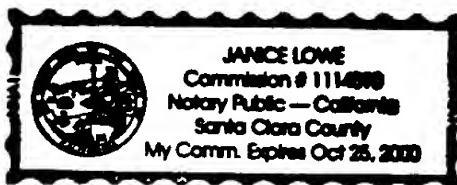
(L.S.)

(L.S.)

NOTARIZATION PAGE ADDED

STATE California
COUNTY OF Santa Clara

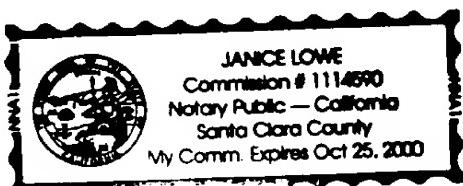
BE IT REMEMBERED, That on this 30 day of May 1997, before me, a Notary public, personally appeared Vernon C. Maino who I am satisfied is (are) the person(s) named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.



Janice Lowe
Notary Public

STATE California
COUNTY OF Santa Clara

BE IT REMEMBERED, That on this 30 day of May 1997, before me, a Notary public, personally appeared Maria Suni who I am satisfied is (are) the person(s) named in and who executed the foregoing instrument in my presence, and I having first made known to them the contents thereof, they did acknowledge that they signed, sealed, and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.



Janice Lowe
Notary Public

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Vernon C. Maino and Maria Suni

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

 Assignment Security Agreement Other: Merger Change of Name

Execution Date: May 30, 1997

2. Name and address of receiving party(ies):

Name: BECTON, DICKINSON AND COMPANY

Internal Address: Patent and Licensing Department

Street Address: 1 Becton Drive

City: Franklin Lakes State: NJ ZIP: 07417-1880

Additional name(s) & address(es) attached? Yes No

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Royal N. Ronning, Jr

Name of Person Signing

Signature

6/14/97

Date

Total number of pages including cover sheet, attachments and document:

3

Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20231